

**Appendix C. Observed and Expected Number of Cases, SIRs, and 95% Confidence Intervals by
Cancer Type and Sex, Grouped by Town**

CANCER INCIDENCE ANALYSIS, 1986-1994						
BY CANCER TYPE, SEX & CENSUS TRACT						
ALL TOWNS						
BLADDER						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	167	162.3	103	88--		120
FEMALES	57	56.9	100	76--		130
TOTAL	224	219.2	102	89--		116
BRAIN & CENTRAL NERVOUS SYSTEM						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	50	48.6	103	76--		136
FEMALES	46	48.2	95	70--		127
TOTAL	96	96.8	99	80--		121
BREAST						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	5	7	71	23--		167
FEMALES	935	850.4	110*	103--		117
TOTAL	940	857.4	110*	103--		117
CERVICAL						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	0	0	NC*	NC		
FEMALES	62	52.6	118	90--		151
TOTAL	62	52.6	118	90--		151
COLON						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	491	428.3	115*	105--		125
FEMALES	427	389.5	110	99--		121
TOTAL	918	817.8	112*	105--		120
ESOPHAGUS						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	42	46.8	90	65--		121
FEMALES	21	18.3	115	71--		175
TOTAL	63	65.1	97	74--		124
HODGKIN'S DISEASE						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	28	20.2	139	92--		200
FEMALES	15	17	88	49--		146
TOTAL	43	37.2	116	84--		156
KIDNEY/RENAL PELVIS						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	81	80.8	100	80--		125
FEMALES	57	49.5	115	87--		149
TOTAL	138	130.3	106	89--		125
LARYNX						
1986-94	Observed	Expected	SIR	95%	CI	
MALES	66	57.6	115	89--		146
FEMALES	9	15.2	59	27--		112
TOTAL	75	72.8	103	81--		129
LEUKEMIA						

Appendix C. Observed and Expected Number of Cases, SIRs, and 95% Confidence Intervals by Cancer Type and Sex, Grouped by Town

1986-94	Observed	Expected	SIR	95%	CI
MALES	68	56.2	121	94--	153
FEMALES	33	40.2	82	56--	115
TOTAL	101	96.4	105	85--	127
LIVER					
1986-94	Observed	Expected	SIR	95%	CI
MALES	21	22.6	93	57--	142
FEMALES	11	9.8	112	56--	201
TOTAL	32	32.4	99	68--	139
LUNG & BRONCHUS					
1986-94	Observed	Expected	SIR	95%	CI
MALES	497	502.1	99	90--	108
FEMALES	419	314.4	133*	121--	147
TOTAL	916	816.5	112*	105--	120
MELANOMA OF THE SKIN					
1986-94	Observed	Expected	SIR	95%	CI
MALES	96	69.8	138*	111--	168
FEMALES	76	57.3	133*	104--	166
TOTAL	172	127.1	135*	116--	157
MOUTH & PHARYNX					
1986-94	Observed	Expected	SIR	95%	CI
MALES	96	102	94	76--	115
FEMALES	53	45.2	117	88--	153
TOTAL	149	147.2	101	86--	119
MULTIPLE MYELOMA					
1986-94	Observed	Expected	SIR	95%	CI
MALES	20	25.8	78	47--	120
FEMALES	25	24.1	104	67--	153
TOTAL	45	49.9	90	66--	121
NON-HODGKIN'S LYMPHOMA					
1986-94	Observed	Expected	SIR	95%	CI
MALES	86	99.3	87	69--	107
FEMALES	94	90	104	84--	128
TOTAL	180	189.3	95	82--	110
OVARY					
1986-94	Observed	Expected	SIR	95%	CI
MALES	0	0	NC*	NC	
FEMALES	101	101	100	81--	122
TOTAL	101	101	100	81--	122
PANCREAS					
1986-94	Observed	Expected	SIR	95%	CI
MALES	62	56.1	111	85--	142
FEMALES	66	58.3	113	88--	144
TOTAL	128	114.4	112	93--	133
PROSTATE					
1986-94	Observed	Expected	SIR	95%	CI
MALES	1001	768.7	130*	122--	139
FEMALES	0	0	NC*	NC	
TOTAL	1001	768.7	130*	122--	139
STOMACH					
1986-94	Observed	Expected	SIR	95%	CI

Appendix C. Observed and Expected Number of Cases, SIRs, and 95% Confidence Intervals by Cancer Type and Sex, Grouped by Town

MALES	67	71.2	94		73	--	120
FEMALES	38	42.3	90		64	--	123
TOTAL	105	113.5	93		76	--	112
TESTIS							
1986-94	Observed	Expected	SIR		95%		CI
MALES	33	27	122		84	--	172
FEMALES	0	0	NC	*		NC	
TOTAL	33	27	122		84	--	172
THYROID							
1986-94	Observed	Expected	SIR		95%		CI
MALES	12	12.7	94		49	--	165
FEMALES	35	31.1	113		78	--	157
TOTAL	47	43.8	107		79	--	143
UTERUS							
1986-94	Observed	Expected	SIR		95%		CI
MALES	0	0	NC	*		NC	
FEMALES	146	155.9	94		79	--	110
TOTAL	146	155.9	94		79	--	110
ALL OTHER CANCERS							
1986-94	Observed	Expected	SIR		95%		CI
MALES	221	210	105		92	--	120
FEMALES	201	203.4	99		86	--	113
TOTAL	422	413.4	102		93	--	112
TOTAL CANCER							
1986-94	Observed	Expected	SIR		95%		CI
MALES	3210	2875.2	112	*	108	--	116
FEMALES	2927	2670.9	110	*	106	--	114
TOTAL	6137	5546.1	111	*	108	--	113

NOTE:

SIRs are calculated based on the exact number of expected cases.

SIRs are not calculated when the observed value is less than 5.

The expected numbers are rounded to the nearest tenth.

Observed = Observed number of cases

Expected = Expected number of cases

CI = Confidence Interval

SIR = Standardized Incidence Ratio

NC = Not Calculated

* = Indicates statistical significance